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ATTORNEY DOCKET NO.: EMC03-11

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Stuart D. Downes, Jin Liang and Larry Norris  
Serial No.: 10/674,080  
For: TECHNIQUES FOR CREATING OPTIMIZED PAD GEOMETRIES FOR  
SOLDERING  
Filing Date: September 29, 2003  
Examiner: Lynne Renee Edmondson  
Art Unit: 1725  
Conf. No.: 2177

**Old Docket No.: EMC03-11(03063)**

**New Docket No.: EMC03-11**

Certificate of Mailing Under 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: **MAIL STOP AMENDMENT**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

Date: July 5, 2006

By: Tracy A. Bessette  
(Typed or printed name of person mailing  
Document, whose signature appears below)

Signature: *Tracy A. Bessette*

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Sir:

Enclosed is/are:

- [x] Transmittal Letter (this form, 2 pages, in duplicate), Total Pages: 4;
- [x] Amendment, Total Pages: 15;
- [x] Return Receipt Pre-paid Postcard (in duplicate), Total postcards: 2;
- [x] Authorization to charge Deposit Account No. 50-3661, if necessary.

U.S. Application No.: 10/674,080

Attorney Docket No.: EMC03-11

- 2 -


Fee amounts are calculated as follows:

|  | Claims<br>Remaining<br>After<br>Amendment | Highest No.<br>Previously<br>Paid For | Present<br>Extra | Rate       | Additional<br>Fee |
|--|---|---------------------------------------|------------------|------------|-------------------|
| Total Claims                                   | 20  | - 32                                  | = 0              | X \$50.00  | = \$0.00          |
| Independent<br>Claims                          | 2   | - 5                                   | = 0              | X \$200.00 | = \$0.00          |
| <b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b> |   |                                       |                  |            | <b>= \$0.00</b>   |

Applicant hereby petitions for any extension of time which is required to maintain the pendency of this case. If there is a fee occasioned by this response, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 50-3661.

If the enclosed papers or fees are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (508) 616-2900, in Westborough, Massachusetts.

Respectfully submitted,

  
\_\_\_\_\_  
Jeffrey J. Duquette, Esq.  
Attorney for Applicant  
USPTO Registration No.: 45,487  
Bainwood, Huang & Associates, L.L.C.  
Highpoint Center  
2 Connector Road  
Westborough, Massachusetts 01581  
Telephone: (508) 616-2900  
Facsimile: (508) 366-4688

Attorney Docket No.: EMC03-11

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**MAIL STOP AMENDMENT**  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT**

Sir:

In response to the Office Action mailed April 4, 2006, please amend the above-identified Application as follows: